

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WATER QUALITY

FACT SHEET ON RENEWAL AND MODIFICATION OF THE LAND APPLICATION OF
CLASS B WATER TREATMENT PLANT AND WASTEWATER TREATMENT PLANT
RESIDUALS PERMIT WQ0000057 FOR CHARLOTTE-MECKLENBURG UTILITIES, INC.

Date: February 27, 2015

1. TYPES OF OPERATIONS COVERED

A. Activities Covered by this Permit

On the basis of a preliminary staff review, the North Carolina Environmental Management Commission proposes to issue a renewal and a modification of the Land Application of Class B Water Treatment Plant and Wastewater Treatment Plant Residuals Permit WQ0000057 to Charlotte-Mecklenburg Utilities, Inc., for their Land Application Program.

B. Geographic Area(s) Covered by this permit

The geographic area covered by this permit currently consists of 454 sites having 10,600.8 available acres located in the counties of Anson, Cabarrus, Cleveland, Iredell, Mecklenburg, Rowan, Stanly and Union.

The renewal permit will update the acreages of the existing sites, and will remove 221 of the existing sites, totaling 3,755.1 acres of removed available area. All of the sites in Gaston and Richmond Counties are being removed.

C. Types of Material distributed

The residuals are from the following sources:

Owner	Facility Name	County
Charlotte Mecklenburg Utilities	McAlpine Creek Wastewater Treatment Plant	Mecklenburg
Charlotte Mecklenburg Utilities	Irwin Creek Wastewater Treatment Plant	Mecklenburg
Charlotte Mecklenburg Utilities	Mallard Creek Wastewater Treatment Plant	Mecklenburg
Charlotte Mecklenburg Utilities	Sugar Creek Wastewater Treatment Plant	Mecklenburg
Charlotte Mecklenburg Utilities	McDowell Creek Wastewater Treatment Plant	Mecklenburg
Charlotte Mecklenburg Utilities	Walter M. Franklin Water Treatment Plant	Mecklenburg
Charlotte Mecklenburg Utilities	Vest Water Treatment Plant	Mecklenburg
Charlotte Mecklenburg Utilities	Lee S. Dukes Water Treatment Plant	Mecklenburg

D. Description of Distribution Sites

The existing permit was issued on April 28, 2006, and is scheduled to expire on March 31, 2015. It allows for the distribution of up to 28,300 dry tons of residuals per year.

On October 1, 2014, the Division received an application from Charlotte-Mecklenburg Utilities to renew their existing residuals management permit (WQ0000057). There are no sites being added to the permitted program through this renewal action, although 221 sites are being removed, and remaining site acreages were updated to reflect current site conditions.

Summary of the fields and acreages in the existing permit and the renewed permit

County	Number of Fields		Number of Acres	
	Existing Permit	Proposed Renewal	Existing Permit	Proposed Renewal
Anson	134	74	2,371	1,435
Cabarrus	14	9	173	103
Cleveland	24	8	380	82
Gaston	6	0	39	0
Mecklenburg	39	26	464	277
Richmond	13	0	237	0
Stanly	55	29	681	448
Union	169	87	6,255	3,888
Totals	454	233	10,600	6,233

The removal of the sites and remapping of many of the remaining sites will result in a loss of approximately 4,400 available acres and lower the acreage of the program from 10,600 available acres to 6,233 available acres. Some of the sites are being re-named, and many of the acreages are being updated as a result of new buffer (setback) restrictions and more accurate mapping.

The permitted distribution capacity is 28,000 dry tons of residuals per year, and is unchanged as a result of this proposed permit renewal and proposed permit modification.

2. BASIS FOR ISSUING A STATE NON-DISCHARGE PERMIT

The North Carolina Division of Water Quality has been delegated authority by the Environmental Management Commission to issue non-discharge permits in the state of North Carolina. These draft permits were developed based on an application for a permit renewal to the Land Application of Class B Water Treatment Plant and Wastewater Treatment Plant Residuals Permit WQ0000057, and an application for a major modification to the Land Application of Class B Water Treatment Plant and Wastewater Treatment Plant Residuals Permit WQ0000057, received from Charlotte-Mecklenburg Utilities, Inc. on October 1, 2014.

3. THE ADMINISTRATIVE RECORD

The administrative record, including the draft permit, fact sheet, and additional information is available by writing the Division of Water Resources, Water Quality Permitting Section, Non-discharge Permitting Unit, 1617 Mail Service Center, Raleigh, North Carolina 27699-1617. The above documents are available for review and copying at the Archdale Building, Non-discharge Permitting Unit, 512 North Salisbury Street, Raleigh, North Carolina 27604 and at the Division's Regional Office in Mooresville, 610 East Center Avenue, Suite 301, Mooresville, North Carolina, 28115 between the hours of 8:00 a.m. and 5:00 p.m. Monday through Friday. Copies of the administrative record will be provided at a charge of 10 cents per page.

4. PROPOSED SCHEDULE.

Draft permit to public notice:	March 1, 2015
Public Meeting date:	March 24, 2015
Public comment period closes:	March 30, 2015

5. EFFECTIVE DATE AND LENGTH OF THE PERMIT

The permit will be effective for a period of five years (April 1, 2015 to March 31, 2020).

6. PROCEDURES FOR THE FORMULATION OF FINAL DETERMINATIONS

The Director of the Division of Water Resources, pursuant to NCGS 143-215.4(b) (1) and (2) and Regulation 15A NCAC 02T .0108, has determined that it is in the public interest that a meeting be held to receive all pertinent public comment on whether to issue, not issue, or modify the draft permit. All information received prior to March 30, 2015, will be taken into consideration in finalizing the permit decision. The meeting will be held on March 24, 2015 at 7:00 PM. (Registration will begin at 6:30 PM) at the Mount Pleasant High School in Mount Pleasant.

The meeting will be conducted in the following manner:

1. Explanation of the NC Environmental Management Commission's Permitting Procedure and contents of the draft permit by the Division of Water Resources staff.
2. Public Comment - The public meeting is a forum for the Division to obtain water quality information that was either overlooked or unavailable at the time the permit was drafted. **INFORMATION PRESENTED SHOULD SPECIFICALLY ADDRESS ISSUES RELATED TO WATER QUALITY IMPACTS RESULTING FROM WASTE MANAGEMENT AT THIS FACILITY.** Comments, statements, data and other information may be submitted in writing prior to or during the meeting, or may be presented orally at the meeting. Persons desiring to speak will indicate this intent at the time of registration at the meeting. So that all persons desiring to speak may do so, lengthy statements may be limited at the discretion of the meeting officer. Oral presentations that exceed three minutes must be accompanied by three (3) written copies, which will be filed with the meeting clerk at the time of registration.
3. Cross-examination of persons presenting testimony will not be allowed. However, the meeting officer may ask questions for clarification.
4. The meeting record will be closed at the conclusion of the meeting.

A copy of the draft Land Application of Class B Water Treatment Plant and Wastewater Treatment Plant Residuals Permit and fact sheet are available by writing or calling:

**NC Division of Water Resources
Water Quality Permitting Section
Non-discharge Permitting Unit
1617 Mail Service Center
Raleigh, North Carolina 27699-1617
Telephone number: (919) 807-6464**

The fact sheet and draft permit are on file at the Archdale Building, Non-discharge Permitting Unit, 512 North Salisbury Street, Raleigh, North Carolina 27604 and at the Division's Regional Office in Mooresville, 610 East Center Avenue, Suite 301, Mooresville, North Carolina, 28115. They may be inspected during the hours of 8:00 a.m. and 5:00 p.m. Monday through Friday.

Comment Period

The Division of Water Resources proposes to issue a renewal and modification to the Land Application of Class B Water Treatment Plant and Wastewater Treatment Plant Residuals Permit WQ0000057 to Charlotte-Mecklenburg Utilities, for their Land Application Program. The comment period for the draft permit will last until March 30, 2015. All comments received until this time will be considered in the formulation of final determinations with regard to this permit.

Interested persons are invited to submit written comments on the draft permit or on the Division of Water Resources proposed determinations to the address above.